

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 02250626
 PUBLICATION DATE : 08-10-90

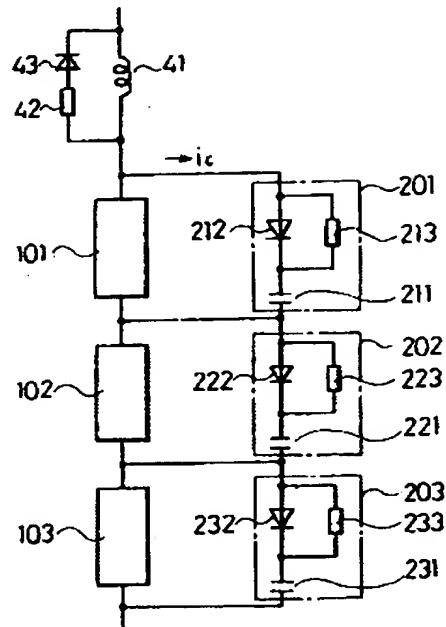
APPLICATION DATE : 20-03-89
 APPLICATION NUMBER : 01068587

APPLICANT : FUJI ELECTRIC CO LTD;

INVENTOR : KINOSHITA SHIGENORI;

INT.CL. : H02H 7/12 H02M 1/06

TITLE : GTO THYRISTOR ARM



ABSTRACT : PURPOSE: To increase allowance of irregularity in a GTO by dividing arms into a plurality of blocks, and connecting voltage clamps to the blocks.

CONSTITUTION: Voltage clamps 201-203 are connected to unit blocks 101-103 connected in series. The clamp 201 has a diode 212, a capacitor 211 connected in series with the diode 212, and a resistor 213 connected in parallel therewith, and the value of the resistor 213 is sufficiently larger than the snubber resistance value of the block 101. The other clamps 202, 203 are similar. An irregularity in the turning OFF time of a GTO in the block is allowed to several times as large as a conventional one.

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